

09/909566
STN Search Summary

=> d his

FILE 'CAPLUS' ENTERED AT 14:17:54 ON 01 JUL 2003

L1 365 S ?EPOXYGENASE?
L2 13 S L1 AND PLANT
L3 600 S VERNOL?
L4 162 S L3 AND EPOX?
L5 37 S L4 AND PLANT
L6 5 S L5 AND P450
L7 3 S L6 NOT L2

L2 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 2003:4374 CAPLUS
TI Molecular analysis of a bifunctional fatty acid conjugase/desaturase from Tung. Implications for the evolution of plant fatty acid diversity
AU Dyer, John M.; Chapital, Dorselyn C.; Kuan, Jui-Chang W.; Mullen, Robert T.; Turner, Charlotta; McKeon, Thomas A.; Pepperman, Armand B.
SO Plant Physiology (2002), 130(4), 2027-2038

L2 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 2002:850365 CAPLUS
TI Sequences of fatty acid epoxxygenase genes from Crepis and Vernonia, and uses in modifying fatty acid metabolism
IN Green, Allan; Singh, Surinder; Lenman, Marit; Stymne, Sten
SO U.S. Pat. Appl. Publ., 47 pp., Cont.-in-part of U. S. Ser. No. 59,769.
PATENT NO. KIND DATE APPLICATION NO. DATE

PI US 2002166144 A1 20021107 US 2001-981124 20011017
US 6329518 B1 20011211 US 1998-59769 19980414
PRAI AU 1997-6223 A 19970415
AU 1997-6226 A 19970415
US 1997-43706P P 19970416
US 1997-50403P P 19970620
US 1998-59769 A2 19980414

L2 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 2002:140905 CAPLUS
✓ TI Transgenic production of epoxy fatty acids by expression of a cytochrome P450 enzyme from Euphorbia lagascae seed
AU Cahoon, Edgar B.; Ripp, Kevin G.; Hall, Sarah E.; McGonigle, Brian
SO Plant Physiology (2002), 128(2), 615-624

L2 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 2001:251035 CAPLUS
✓ TI Transgenic expression of a .DELTA.12-epoxxygenase gene in Arabidopsis seeds inhibits accumulation of linoleic acid
AU Singh, Surinder; Thomaesus, Stefan; Lee, Michael; Stymne, Sten; Green, Allan
SO Planta (2001), 212(5-6), 872-879

L2 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:145994 CAPLUS
 ✓ TI Inhibition of polyunsaturated fatty acid accumulation in plants
 expressing a fatty acid epoxxygenase
 AU Singh, S.; Thomaues, S.; Lee, M.; Green, A.; Stymne, S.
 SO Biochemical Society Transactions (2000), 28(6), 940-942

L2 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2003 ACS
 AN 1998:712360 CAPLUS
 TI Genes for fatty acid .DELTA.12-epoxxygenase of fatty acid
 epoxide-containing plants and the development of useful
 producers of fatty acid epoxides
 IN Stymne, Sten; Green, Allan; Singh, Surinder; Lenman, Marit
 SO PCT Int. Appl., 150 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9846762	A1	19981022	WO 1998-AU246	19980409
	AU 9868135	A1	19981111	AU 1998-68135	19980409
	AU 734232	B2	20010607		
	EP 975765	A1	20000202	EP 1998-913438	19980409
	BR 9808676	A	20000711	BR 1998-8676	19980409
	NZ 500542	A	20001124	NZ 1998-500542	19980409
	JP 2001518797	T2	20011016	JP 1998-543302	19980409
	MX 9909476	A	20000630	MX 1999-9476	19991015
PRAI	AU 1997-6223	A	19970415		
	AU 1997-6226	A	19970415		
	US 1997-43706P	P	19970416		
	US 1997-50403P	P	19970620		
	WO 1998-AU246	W	19980409		

L2 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:607510 CAPLUS
 ✓ TI Isolation of cytochrome P-450 genes from Vernonia galamensis
 AU Seither, Graig; Avdiushko, S.; Hildebrand, D.
 SO Physiology, Biochemistry and Molecular Biology of Plant Lipids,
 [Proceedings of the International Symposium on Plant Lipids], 12th.
 Toronto, July 7-12, 1996 (1997), 389-391. Editor(s): Williams, John
 Peter; Khan, Mobashsher Uddin; Lem, Nora Wan. Publisher: Kluwer,
 Dordrecht, Neth.
 DT Conference

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS
 AN 2003:261068 CAPLUS
 ✓ TI Cloning and sequence of Euphorbia lagascae cytochrome P 450 associated
 with the synthesis of .DELTA.12-epoxy fatty acids in
 plants and construction of chimeric gene for production of
 .DELTA.12-epoxy fatty acids

IN Cahoon, Edgar B.
 SO U.S. Pat. Appl. Publ., 30 pp., Cont. of U.S. Ser. No. 219,833.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 2003066103	A1	20030403	US 2001-909566	20010720
PRAI	US 2000-219833	A1	20000721		

L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS

AN 2002:90087 CAPLUS

TI Identification and sequence of a cytochrome P 450 from Euphorbia lagascae associated with the synthesis of .DELTA.12-epoxy fatty acids of plants and its use for producing .DELTA.12-epoxy fatty acids in a host cell

✓IN Cahoon, Edgar B.

PA E. I. Du Pont de Nemours and Company, USA

SO PCT Int. Appl., 53 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2002008269	A2	20020131	WO 2001-US22790	20010719
	WO 2002008269	A3	20030227		
	EP 1309698	A2	20030514	EP 2001-955872	20010719
	NO 2003000229	A	20030304	NO 2003-229	20030117
PRAI	US 2000-219833P	P	20000721		
	WO 2001-US22790	W	20010719		

L7 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS

AN 1993:405016 CAPLUS

✓TI Biosynthesis of vernoleate (cis-12-epoxyoctadeca -cis-9-enoate) in microsomal preparations from developing endosperm of Euphorbia lagascae

AU Bafor, Maureen; Smith, Mark A.; Jonsson, Lisbeth; Stobart, Keith; Stymme, Sten

SO Archives of Biochemistry and Biophysics (1993), 303(1), 145-51